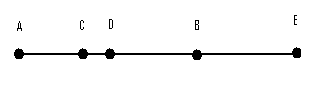
1. Which of the following should be used to find the midpoint of a segment on a number line?

1. a + b
2. 
3. 
4. 

2. Which of the following should be used to find the midpoint of a segment in the coordinate plane?

1. 
2. 
3. 
4. 

3. Which point represents the midpoint of segment AB?



1. Point D
2. Point D and Point C
3. Point C
4. Point E

4. When finding the midpoint of any line segment, all of the following methods could be used except:

1. Adding the endpoints, then divide the result by 2
2. Subtracting the endpoints, then divide the result by 2.
3. Finding the sum of the x coordinates and y coordinates, then divide each result by 2.
4. Taking half of the sum of the endpoints.

5. What is the midpoint of the line segment between the points (3,6) and (2,4)?

**A**. (1.5, 1)

**B**. (3.5, 4)

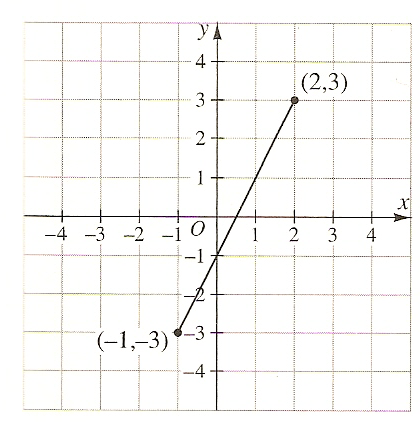
**C**. (4.5, 3)

**D**. (2.5, 5)

6. Find the midpoint of a segment on a number line with coordinates -12 and 32.

1. -44
2. 10
3. 20
4. 22

7. Find the midpoint of the line segment between the two points shown.



**A**. 

**B**. 

**C**. 

**D**. 

8. What are the coordinates of the midpoint of a line segment that has endpoints at (-8, -2) and (3, 1) in the standard (x, y) coordinate plane?

**A**. 

**B**. 

**C**. 

9. Opposite vertices of a rectangle in the standard (x, y) coordinate plane have coordinates (5, 37) and (17,7), respectively. What are the coordinates of the center of this rectangle?

A. (6, 27)

B. (11, 22)

C. (21, 12)

D. (42, 24)

10. The midpoint of a line segment is (3,4). One of the endpoints of that line segment is (7,4). What is the other endpoint?

1. (-4, 0)
2. (-1, 4)
3. (0, -4)
4. (1, 5)

**D**. 